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1 result found in the Worldwide database for:

finite state machine text in the title

(Results are sorted by date of upload in database)

1 Finite-state machine augmented for multiple evaluations of text

Inventor: BAX ERIC THEODORE (US)

Applicant:

EC: G06F17/30T

IPC: **G06F17/30; G06F17/30**; (IPC1-7): G06F17/30

Publication info: **US2004215595** - 2004-10-28

Data supplied from the *esp@cenet* database - Worldwide

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Approximately **145** results found in the Worldwide database for:

finite state machine in the title

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- 1 Wireless radio resource management system using a finite state machine**
Inventor: LIVET CATHERINE (CA); RAHMAN SHAMIM A (CA) Applicant: INTERDIGITAL TECH CORP (US)
EC: IPC: **H04Q7/20; H04Q7/20**
Publication info: **US2006166664** - 2006-07-27
- 2 Pattern-matching using a deterministic finite state machine**
Inventor: FURLONG PETER (IE); STACK EOGHAN (IE); (+2) Applicant: 3COM CORP (US)
EC: IPC: **H04L29/06; G06F1/00; G06F1/00 (+1)**
Publication info: **GB2422450** - 2006-07-26
- 3 APPARATUS AND METHOD FOR MEMORY EFFICIENT, PROGRAMMABLE, PATTERN MATCHING FINITE STATE MACHINE HARDWARE**
Inventor: GOULD STEPHEN (AU); BARRIE ROBERT M (AU); (+2) Applicant: SENSORY NETWORKS INC (AU)
EC: IPC: **G11C11/24; G11C11/21**
Publication info: **US2006120137** - 2006-06-08
- 4 Protocol interoperation characteristic test generating method based on communication multi-port finite state machine**
Inventor: WU JIANPING WANG (CN) Applicant: UNIV TSINGHUA (CN)
EC: IPC: **H04L12/26; H04L12/26**
Publication info: **CN1741482** - 2006-03-01
- 5 Finite state machine digital pulse width modulator for a digitally controlled power supply**
Inventor: LEUNG KA Y (US); LEUNG KAFI (US) Applicant:
EC: H03K7/08 IPC: **H03M3/00; H03M3/00**
Publication info: **US2006033650** - 2006-02-16
- 6 Method and system increasing performance substituting finite state machine control with hardware-implemented data structure manipulation**
Inventor: JOHL MANRAJ SINGH (US); STEINMETZ JOSEPH HAROLD (US); (+1) Applicant: AGILENT TECHNOLOGIES INC (US)
EC: IPC: **G06F9/46; G06F3/00; G06F7/00 (+8)**
Publication info: **US6978457** - 2005-12-20
- 7 SYNCHRONOUS FORMAL LANGUAGE FOR PROGRAMMING DETERMINISTIC FINITE STATE MACHINE**
Inventor: AUDFRAY PHILIPPE; CLOSSE ETIENNE; (+2) Applicant: ATHYS
EC: G05B19/045 IPC: **G06F9/45; G05B19/045; G05B19/05 (+7)**
Publication info: **JP2005310144** - 2005-11-04
- 8 DISTRIBUTED FINITE STATE MACHINE**
Inventor: MONETTE SYLVAIN (CA); GIGUERE MATHIEU (CA); (+2) Applicant: ERICSSON TELEFON AB L M (SE); MONETTE SYLVAIN (CA); (+3)
EC: H04L12/56E; H04L12/56C IPC: **H04L12/56; H04L29/08; H04L12/56 (+3)**
Publication info: **WO2005074203** - 2005-08-11
- 9 Finite state machine circuit**
Inventor: WILKES DYSON (US); SPYRIDIS KOSTAS (US) Applicant:
EC: IPC: **G06F9/00; H03K19/173; G06F9/00 (+2)**
Publication info: **US2005140390** - 2005-06-30
- 10 APPARATUS AND METHOD FOR LARGE HARDWARE FINITE STATE MACHINE WITH EMBEDDED EQUIVALENCE CLASSES**
Inventor: GOULD STEPHEN (AU); PELTZER ERNEST (AU); (+3) Applicant: SENSORY NETWORKS INC (US); GOULD STEPHEN (AU); (+4)
EC: IPC: **G06F17/50; G06F; G06F17/50 (+2)**

Data supplied from the *esp@cenet* database - Worldwide



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finite state machine evaluate text or document

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multimedia **documents**, with **text**, speech, graphics, animation, photos, video, and/or physical ... logue systems driven by human-authored **Finite State** ...
people.csail.mit.edu/alexgru/yrrsds/proceedings05.pdf - [Similar pages](#)

START-INFO-DIR-ENTRY * GNU epsilon: (epsilon). A purely functional ...

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Language: See 7. epsilon Abstract **Macine** Language: See 1. epsilonlex: ...

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epsilon 0.2.1CVS

The expression above was a query : you asked the interpreter to **evaluate** an expression ...

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representations in the area of **finite state** automata. ... how the ultrametricity can be assessed in **text or document** collections, in time series signals, ...

www.wiwiss.fu-berlin.de/lenz/gfkl2006/Abstracts.pdf - [Similar pages](#)

[PDF] [Foundations of Programming](#)

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The Children's **Macine**: Rethinking School in the Age of the Computer, ... to the word processor, load the program and resave it as a **text document**. ...

www.mcps.k12.md.us/curriculum/compsci/FdnGuide.pdf - [Similar pages](#)

epsilon 0.2.1CVS

Evaluate interval $(6 + 1)7$, ie interval 77 : is 7 greater than 7? ... If the **Document** already includes a cover **text** for the same cover, previously added ...

gnu.teleglobe.net/software/epsilon/epsilon-manual.html - 210k - [Cached](#) - [Similar pages](#)

1986 NASA SBIR & STTR Abstract Archives

Solution of fluid dynamics problems by numerical **finite** difference ... into the growing data base error problem indicates that the man/**macine** interface, ...

sbir.nasa.gov/SBIR/abstracts/86.html - 177k - [Cached](#) - [Similar pages](#)

START-INFO-DIR-ENTRY * GNU epsilon: (epsilon). A purely functional ...

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evaluate an expression for you, and you were interested in the result. ... **Document** already includes a cover **text** for the same cover, ...

mirror.gnu.cype.es/software/epsilon/manual/epsilon.text - [Similar pages](#)

esp@cenet description view

The **macine** includes a base assembly 11 having a plurality of cartridges, ... If the height is a **finite** value, the logic proceeds to block 407 where the ...

v3.espacenet.com/textdes?IDX=EP0284764&QPN=EP0284764 - 87k -

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Project Book

The **text** is adapted from two design **documents** (Weiringa and Cornwll, 1996 and Kemball

and ... allowing them to reprocess the data on their local **macine**. ...
aips2.nrao.edu/projectoffice/projectbook.htm - [Similar pages](#)

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Published before February 2003

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Terms used finite state machine evaluate text document

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1 [Machine learning in automated text categorization](#)



Fabrizio Sebastiani

March 2002 **ACM Computing Surveys (CSUR)**, Volume 34 Issue 1

Publisher: ACM Press

Full text available: pdf(524.41 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The automated categorization (or classification) of texts into predefined categories has witnessed a booming interest in the last 10 years, due to the increased availability of documents in digital form and the ensuing need to organize them. In the research community the dominant approach to this problem is based on machine learning techniques: a general inductive process automatically builds a classifier by learning, from a set of preclassified documents, the characteristics of the categories. ...

Keywords: Machine learning, text categorization, text classification

2 [The FINITE STRING Newsletter: Abstracts of current literature](#)

Computational Linguistics Staff

January 1987 **Computational Linguistics**, Volume 13 Issue 1-2

Publisher: MIT Press

Full text available:

pdf(6.15 MB)

[Publisher Site](#)

Additional Information: [full citation](#)

3 [Curriculum 68: Recommendations for academic programs in computer science: a report of the ACM curriculum committee on computer science](#)



William F. Atchison, Samuel D. Conte, John W. Hamblen, Thomas E. Hull, Thomas A. Keenan, William B. Kehl, Edward J. McCluskey, Silvio O. Navarro, Werner C. Rheinboldt, Earl J. Schweppe, William Viavant, David M. Young

March 1968 **Communications of the ACM**, Volume 11 Issue 3

Publisher: ACM Press

Full text available: pdf(6.63 MB)

Additional Information: [full citation](#), [references](#), [citations](#)

Keywords: computer science academic programs, computer science bibliographies, computer science courses, computer science curriculum, computer science education, computer science graduate programs, computer science undergraduate programs



Spoken dialogue systems allow users to interact with computer-based applications such as databases and expert systems by using natural spoken language. The origins of spoken dialogue systems can be traced back to Artificial Intelligence research in the 1950s concerned with developing conversational interfaces. However, it is only within the last decade or so, with major advances in speech technology, that large-scale working systems have been developed and, in some cases, introduced into commerc ...

Keywords: Dialogue management, human computer interaction, language generation, language understanding, speech recognition, speech synthesis

5 Meaningful term extraction and discriminative term selection in text categorization via



unknown-word methodology

Yu-Sheng Lai, Chung-Hsien Wu

March 2002 **ACM Transactions on Asian Language Information Processing (TALIP)**, Volume 1 Issue 1

Publisher: ACM Press

Full text available: pdf(920.43 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this article, an approach based on unknown words is proposed for meaningful term extraction and discriminative term selection in text categorization. For meaningful term extraction, a phrase-like unit (PLU)-based likelihood ratio is proposed to estimate the likelihood that a word sequence is an unknown word. On the other hand, a discriminative measure is proposed for term selection and is combined with the PLU-based likelihood ratio to determine the text category. We conducted several experim ...

Keywords: AC-machine, dimensionality reduction, discriminability, discriminative term selection, inconsistency problem, meaningful term extraction, n-gram, phrase-like unit, sparse data problem, term adaptation, term purification, text categorization, text indexing, unknown word detection, vector space modeling

6 Conference abstracts



January 1977 Proceedings of the 5th annual ACM computer science conference

Publisher: ACM Press

Full text available: pdf(3.14 MB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

One problem in computer program testing arises when errors are found and corrected after a portion of the tests have run properly. How can it be shown that a fix to one area of the code does not adversely affect the execution of another area? What is needed is a quantitative method for assuring that new program modifications do not introduce new errors into the code. This model considers the retest philosophy that every program instruction that could possibly be reached and tested from the ...

7 Petri-net-based hypertext: document structure with browsing semantics



P. David Stotts, Richard Furuta

January 1989 **ACM Transactions on Information Systems (TOIS)**, Volume 7 Issue 1

Publisher: ACM Press

Full text available: pdf(2.19 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)


We present a formal definition of the Trellis model of hypertext and describe an authoring and browsing prototype called &agr;Trellis that is based on the model. The Trellis model not only represents the relationships that tie individual pieces of information together into a document (i.e., the adjacencies), but specifies the browsing semantics to be associated with the hypertext as well (i.e., the manner in which the information is to be visited and presented). The model is based on Petri ...

8 The FINITE STRING newsletter: Abstracts of current literature

Computational Linguistics Staff

July 1986 **Computational Linguistics**, Volume 12 Issue 3

Publisher: MIT Press

Full text available:  pdf(2.25 MB)

Additional Information: [full citation](#)

 [Publisher Site](#)

9 Computing curricula 2001




September 2001 **Journal on Educational Resources in Computing (JERIC)**

Publisher: ACM Press

Full text available:  pdf(613.63 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

 html(2.78 KB)


10 Human-computer interface development: concepts and systems for its management



H. Rex Hartson, Deborah Hix

March 1989 **ACM Computing Surveys (CSUR)**, Volume 21 Issue 1

Publisher: ACM Press

Full text available:  pdf(7.97 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Human-computer interface management, from a computer science viewpoint, focuses on the process of developing quality human-computer interfaces, including their representation, design, implementation, execution, evaluation, and maintenance. This survey presents important concepts of interface management: dialogue independence, structural modeling, representation, interactive tools, rapid prototyping, development methodologies, and control structures. *Dialogue independence* is th ...


11 Information storage and retrieval: a survey and functional description



Jack Minker

September 1977 **ACM SIGIR Forum**, Volume 12 Issue 2

Publisher: ACM Press

Full text available:  pdf(5.14 MB)

Additional Information: [full citation](#), [abstract](#), [references](#)

Information Storage and Retrieval (IS&R) encompasses a broad scope of topics ranging from basic techniques for accessing data to sophisticated approaches for the analysis of natural language text and the deduction of information. Within the field, three general areas of investigation can be distinguished not only by their subject matter but also by the types of individuals presently interested in them: (1) Document retrieval, (2) Generalized data management, and (3) Question-answering. A functional ...


Keywords: automatic indexing, data management, data structures, deductive search, information retrieval, natural language, problem solving, question-answering, relational data systems, theorem proving

12 Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

Publisher: IBM Press

Full text available:  pdf(4.21 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

13 Subject and classification-code indexes

 February 1973 **Proceedings of the 1st annual computer science conference on Program information abstracts CWC '73**

Publisher: ACM Press


Full text available:  pdf(3.19 MB) Additional Information: [full citation](#), [abstract](#)

These indexes were prepared by William S. Stalcup, Steven A. Holton and Anthony E. Petrarca, Department of Computer and Information Science, The Ohio State University with the aid of programs developed by W. Michael Lay as part of his Doctoral research. The technique used for production of these indexes is a variation of the Double-KWIC Coordinate Indexing Technique, various aspects of which have been described by A. E. Petrarca and W. M. Lay in <u>J. Chem. Doc., 9</u>, 256(1969); & ...

14 Special issue: AI in engineering

 D. Sriram, R. Joobhani
April 1985 **ACM SIGART Bulletin**, Issue 92

Publisher: ACM Press


Full text available:  pdf(8.79 MB) Additional Information: [full citation](#), [abstract](#)

The papers in this special issue were compiled from responses to the announcement in the July 1984 issue of the SIGART newsletter and notices posted over the ARPAnet. The interest being shown in this area is reflected in the sixty papers received from over six countries. About half the papers were received over the computer network.

15 Technique for automatically correcting words in text

 Karen Kukich
December 1992 **ACM Computing Surveys (CSUR)**, Volume 24 Issue 4

Publisher: ACM Press

Full text available:  pdf(6.23 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Research aimed at correcting words in text has focused on three progressively more difficult problems: (1) nonword error detection; (2) isolated-word error correction; and (3) context-dependent word correction. In response to the first problem, efficient pattern-matching and n-gram analysis techniques have been developed for detecting strings that do not appear in a given word list. In response to the second problem, a variety of general and application-specific spelling correction ...

Keywords: n-gram analysis, Optical Character Recognition (OCR), context-dependent spelling correction, grammar checking, natural-language-processing models, neural net classifiers, spell checking, spelling error detection, spelling error patterns, statistical-language models, word recognition and correction


16 The FINITE STRING newsletter: Abstracts of current literature

American Journal of Computational Linguistics Staff
April 1983 **Computational Linguistics**, Volume 9 Issue 2


Publisher: MIT Press

Full text available:  pdf(2.03 MB)  [Publisher Site](#) Additional Information: [full citation](#)

17 Modeling for text compression

 Timothy Bell, Ian H. Witten, John G. Cleary
December 1989 **ACM Computing Surveys (CSUR)**, Volume 21 Issue 4

Publisher: ACM Press

Full text available:  pdf(3.54 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The best schemes for text compression use large models to help them predict which characters will come next. The actual next characters are coded with respect to the prediction, resulting in compression of information. Models are best formed adaptively,

based on the text seen so far. This paper surveys successful strategies for adaptive modeling that are suitable for use in practical text compression systems. The strategies fall into three main classes: finite-context modeling, i ...

18 Expressiveness of structured document query languages based on attribute



grammars

Frank Neven, Jan Van Den Bussche

January 2002 **Journal of the ACM (JACM)**, Volume 49 Issue 1

Publisher: ACM Press

Full text available: pdf(405.27 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Structured document databases can be naturally viewed as derivation trees of a context-free grammar. Under this view, the classical formalism of attribute grammars becomes a formalism for structured document query languages. From this perspective, we study the expressive power of BAGs: Boolean-valued attribute grammars with propositional logic formulas as semantic rules, and RAGs: relation-valued attribute grammars with first-order logic formulas as semantic rules. BAGs can express only unary qu ...

Keywords: Attribute grammars, automata, complexity, logic, structured documents

19 Papers: Finite-state phrase parsing by rule sequences

Marc Vilain, David Day

August 1996 **Proceedings of the 16th conference on Computational linguistics - Volume 1**

Publisher: Association for Computational Linguistics

Full text available: pdf(575.43 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

We present a novel approach to parsing phrase grammars based on Eric Brill's notion of rule sequences. The basic framework we describe has somewhat less power than a finite-state machine, and yet achieves high accuracy on standard phrase parsing tasks. The rule language is simple, which makes it easy to write rules. Further, this simplicity enables the automatic acquisition of phrase-parsing rules through an error-reduction strategy.

20 Technical reports



SIGACT News Staff

January 1980 **ACM SIGACT News**, Volume 12 Issue 1

Publisher: ACM Press

Full text available: pdf(5.28 MB) Additional Information: [full citation](#)

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